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U. S. Department of Agriculture

FRUITS, TREES

and

FLOWERS



Spring 1924

Gladioli—See page 9.

SARCOXIE NURSERIES

PEONY FIELDS

Wild Brothers Nursery Co., Sarcoxie, Mo.

For Your Information

How to Order

Just make a list of what you want, giving number, name, size and price. Tell us whether to ship by freight or express. If you do not we will ship as we think best. If you wish shipment at some special date tell us, otherwise we will ship when we think best according to season and locality. Our terms are cash but we will ship C. O. D. if half is sent with order. The express company charges extra for collecting and forwarding the money. Orders for future shipment should be accompanied by one-third the amount, balance at shipping time.

Certificate of Inspection

Copy of certificate attached to each shipment.

Please Tell Us

Please tell us whether you would rather have a larger size at the larger price or a smaller size at the smaller price, if we should be out of the size you order. Also tell us whether you want us to send a similar variety if we are out of any variety ordered. If you do not want us to do so, mark "No substitution" on your order. If you do not tell us what to do we are obliged to use our judgment. We prefer to have your instructions.

When we substitute the tree is labeled with the correct name of the variety filled. For example, if we sent Stayman Winesap in place of Winesap it would be labeled Stayman Winesap.

Don't Forget to Tell Us

Don't forget to tell us if your freight or express office is different from your postoffice.

Why We Don't Prepay

Prices herein are not prepaid unless so stated. If we prepaid we would have to do like anyone else who prepays—add it to the price we wanted to get and be sure to estimate it high enough so we wouldn't lose money on it on the average.

In a few cases, when stock can be sent by parcel post, we quote a price postpaid, because on light packages we can't miss it but a few cents anyway. If not quoted postpaid, and you want it by parcel post, allow extra for postage. We don't like to send C. O. D. for postage because it costs you 13c more. Trees larger than 3 to 4 ft. cannot be sent by parcel post.

Our Guarantee

We exercise care and diligence to have our varieties true to label and sell all our stock with the express guarantee that we will, on proper proof, replace any that may prove otherwise, or refund the amount paid for same, which shall constitute the extent of our liability.

We undertake to send out stock in first class condition. Success or failure then depends largely on planting, after care, climatic conditions, etc. which we cannot control, some of which no one can control, so we cannot at these prices guarantee stock to live. Those nurseries who do guarantee stock to grow necessarily charge a higher price and the careful planter helps pay the loss of the careless. If for any reason stock is not in good condition when received, please write us promptly.

Cannas

From early July till fall a profusion of dazzling blooms in shades of red, and yellow, even pink. The feet mentioned is approximate height.

Each, 15c; \$1.50 per dozen.

Allemania—Large orchid-flowers; scarlet with yellow border; green foliage; 4 to 5 feet.

Austria—Large; canary yellow dotted crimson; orchid flowered; 4½ feet.

Hungarian—Pink; rather dwarf to 3½ feet.

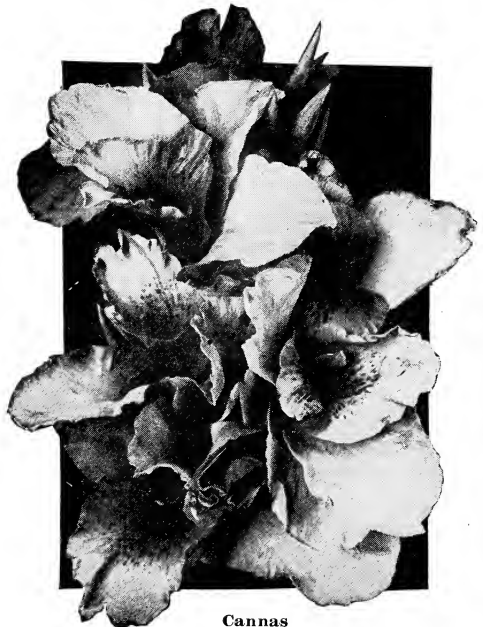
King Humbert—Large; bright orange scarlet; orchid flowered; bronze foliage; 4 to 5 feet.

Louisiana—Large; orange scarlet; orchid flowered; 5 to 6 feet.

Yellow King Humbert—Large; orchid flowered; rich yellow spotted red, with occasionally a scarlet or scarlet striped flower; green foliage; 4-4½ feet.

Dahlias

Red, pink, red and gold. 20c each; \$2 per doz.



Cannas

How Many Dollars Do You Spend for Fruit?

How many dollars a year do you spend for fruit, either fresh or canned? Did you ever stop to think that half that yearly sum, invested in a few fruit trees, would give you many times the amount of fruit you buy, and keep on giving it year after year? Some one has to raise all the fruit you eat. If you buy you pay some one a profit. When you raise your own you keep that profit in your pocket, you use more fruit, and you don't have to buy so much other table supplies on which you pay a profit.

Peaches Bear the Third Year



PEACHES come into bearing quicker than any other tree fruit, under proper conditions giving a crop the third year. Select varieties from early to late and you can have three months of peaches. The trees won't cost as much as you would probably pay for peaches in one year. And none are so delicious as those freshly picked when fully ripened on the tree. A sandy loam or gravelly soil is best but the peach adapts itself to almost any well drained soil. Planted 16x16 ft. requires 170 per acre; 18x18 ft. 134 per acre.

Price of One-Year Peach:

	Each	Per 10	Per 100
XX size, 11-16 in. caliper up, about 4 to 6 ft.	\$0.40	\$3.50	\$30.00
Extra size, 9-16 to 11-16 in. caliper, about 4 to 5 ft.	.35	3.00	25.00
Standard size, 7-16 to 9-16 in. caliper, about 3½ to 4½ ft.	.30	2.50	20.00
Medium size, 5-16 to 7-16 in. caliper, about 2 to 3½ ft.	.25	2.00	15.00

Any five or more at the 10 rate; less at the each rate; 50 or more at the 100 rate.

Our medium size equals the X size of some nurseries.

The following list is arranged approximately in the order of ripening. The dates named are the approximate average in this section.

Mayflower—The earliest; good size; red all over, semi-cling; good shipper; hardy; productive.

Victor—Creamy white with a red blush; juicy, sub-acid, good; medium size; semi-cling.

Greensboro—Large, creamy white, with a yellowish cast, beautifully colored crimson; flesh white, very juicy; an excellent early peach; mid June; hardy and a profuse bearer.

Texas King—White shaded carmine; almost free-stone; medium size but very productive; July 10.

Carman—Large; creamy splashed red; juicy, rich, sweet, good; nearly free; hardy; productive.

Champion—Large; white, red cheek; flesh white, sweet, juicy, rich, delicious; freestone; early Aug., quite hardy; bears young; productive.

Belle of Georgia—Very large; white, red cheek; firm, juicy, high quality; freestone; early Aug., hardy; very productive; an excellent shipper.

Crawford Early—Large; yellow, deep red cheek; rich, slightly sub-acid; freestone; early August.

J. H. Hale—A little more round and firmer than Elberta; about the same season.

Early Elberta—A little earlier than Elberta.

Elberta—Very large; golden yellow, crimson cheek; firm, juicy, good; freestone; mid August, excellent shipper; vigorous, productive, profitable.

Crosby—Orange-yellow splashed red; medium size; juicy; rich; freestone; latter Aug.; hardy.

Indian Cling—A red-fleshed clingstone, esteemed for preserving and pickling.

Oldmixon Cling—Large; creamy white, red cheek; flesh white, juicy, rich, fine; latter Aug.

Crawford Late—Large; yellow, deep red cheek; juicy, rich; freestone; latter Aug.-Sept.

Stump—Large; white, red cheek; flesh white, juicy, excellent; freestone; late August-September.

Heath Cling—Very large; creamy white, sometimes faintly blushed; flesh white to the pit, rich, very juicy, sweet, fine; latter Sept.

Krummel's October—Large; yellow, red cheek; firm, juicy, sweet, good; free; late Sept.-Oct.

Apricots

Russian Apricot—3 to 4 ft., 30c each, \$2.50 per 10.

Apple Profits



Ed Hauser, a farmer near Nashville, Kingman county, Kansas, does not live in an orchard section but this fall he made a net income of more than \$600 from a 2½ acre orchard. The 932 bushels of apples which he picked sold for \$732. The cost of spraying and picking was about \$130. The record was taken from Mr. Hauser's answer to a questionnaire on orchard spraying sent out by L. C. Williams, extension horticulturist at the Kansas State agricultural college.—Joplin (Mo.) Globe, Dec. 23, 1922.

Price of Two-Year Apple:

	Each	Per 10	Per 100
XX size, about 4½ to 6 ft., 11-16 in. caliper and up, branched	\$0.55	\$5.00	\$47.50
Extra size, about 4 to 5 ft., ¾ to 11-16 in. caliper branched .....	.50	4.50	40.00
Standard size, about 3½ to 4½ ft., ½ to ¾ in. caliper, branched .....	.40	3.50	30.00
Medium size, 3 to 4 feet .....	.30	2.50	20.00

Any five or more at the 10 rate, less at each rate; 50 or more at the 100 rate.

Our standard size equals the X size of some nurseries.

Summer Apples

Ripening dates named are approximate average here; allow 5 to 7 days for each 100 miles north or south. Altitude also affects the date.

Benoni—Deep red stripes on rich yellow; juicy; mild subacid; fine dessert quality; early to mid-season; bears freely and rather young.

Early Harvest—Bright straw; juicy, rich sub-acid; good; very early; bears rather young; productive.

Red Astrachan—Yellow almost covered with light and dark red; subacid; good; bears rather young.

Red June—Very red; juicy, brisk sub-acid, good; medium size; June-July; a young bearer.

Sweet June—Yellow; very sweet; good; prolific.

Wilson June—Deep crimson like Red June but sweet and larger; inclined to be light colored in shaded part of the tree; ripens latter July-Aug.; bears young.

Yellow Transparent—Good size; yellowish-white; fine grained, crisp, juicy, sprightly sub-acid; good for eating and cooking; mid June; hardy; a very young, regular and abundant bearer.

Autumn Apples

Connor's Sweet—Large; mottled red and yellow; crisp, juicy; good; Aug.; a good grower.

Maiden Blush—Large; clear yellow, crimson cheek; very juicy, sub-acid; mid autumn; good for cooking and drying; hardy; bears rather young.

Winter Apples

Black Ben Davis—Large; rich red to maroon; firm, juicy, mild sub-acid; keeps well, ships well; bears young, regularly and abundantly.

Delicious—Roundish conic, medium to large, pale yellow, mostly covered with red, striped dark carmine; juicy; mild sub-acid; good.

Grimes' Golden—Of best quality; beautiful golden yellow; medium to large; crisp, juicy, rich sub-acid, aromatic; fine dessert apple, good for cooking, especially fine canned; Oct.-Dec.; blooms late; hardy; bears young.

King David—Very dark rich red; medium size.

Jonathan—Very attractive, lively deep red; high flavor; excellent for dessert, cooking and market; firm, crisp, juicy, very aromatic, mild sub-acid; Oct. and later; bears rather young.

Mammoth Black Twig—Greenish, largely over-spread, dull, deep red, sometimes almost black; very firm, moderately juicy, sub-acid, good; keeps late.

Stayman Winesap—Large; attractive shape, greenish-yellow striped and often nearly covered with dark red; firm, crisp, very juicy, aromatic, sprightly pleasant sub-acid; very good; keeps late.

Winesap—Bright deep red, flesh yellow, very rich, crisp, very juicy, sprightly sub-acid, very good; Dec.-March; bears young.

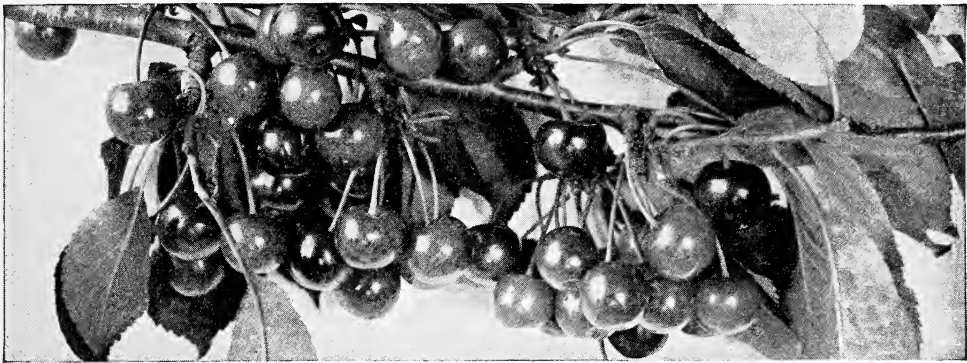
Winter Banana—Large, showy bright yellow, pinkish-red cheek; mild sub-acid; distinctly aromatic; bears young.

York Imperial—Large; attractive greenish-yellow shaded crimson; crisp, juicy, sub-acid, becoming mild; Dec.; bears heavily and rather young.

Crab Apples

Transcendent—A large crab; golden yellow, crimson cheek; crisp, juicy, sub-acid; Aug.-Sept.

Made Good with Cherries



SCHUYLER STEVENS of Smith Center has demonstrated beyond question the value of cherries in Western Kansas. In 1915 he planted 500 trees. Now if you will recall the summers since 1915, every one excepting 1915 must be classed as drouthy seasons. In spite of adverse conditions, here is what Mr. Stevens says in a letter dated June 28, 1919: "The Dyehouse were the first to ripen, then the Early Richmond and now the Montmorencies are on hand. The Wragg will follow in July. I will have about 300 crates and they bring me \$3.00 net as I require the crate returned. This will bring me \$900 for the cherries on four acres the fourth season." * * * I know Mr. Stevens personally and I am familiar with his method of orcharding. * * * The secret of his success has been cultivation. He has never allowed a weed to grow in his orchard.—Chas. A. Scott, in Kansas Farmer, March 6, 1920. Wragg and English Morello are very similar if not identical.

Plant 18 to 20 feet apart on well-drained ground. The list is arranged in the order of ripening.

Price of Cherry:	Each	Per 10	Per 100
XXX size 2 year 11-16 in. caliper up, 4½ to 6 ft. branched	\$0.95	\$9.00	\$85.00
XX size, 2 year 3½ to 5 ft. 9-16 to 11-16 in. caliper, branched .....	.80	7.50	70.00
Extra size, 2 year, 3 ft. to 4 ft., 7-16 to 9-16 in. caliper branched .....	.55	5.00	47.50

Any five at the 10 rate, less at each rate; 50 or more at the 100 rate.

Early Richmond (May Cherry)—Medium size, round, bright red, darker when fully ripe; very juicy, sprightly acid; latter May-June; hardy, very productive; profitable; succeeds everywhere.

juicy, pleasant acid; excellent; a week later than Early Richmond; vigorous, hardy, productive; successful everywhere.

English Morello—Large, dark red, nearly black; flesh dark purplish crimson; juicy; rich acid; prolific; latter June-July; dwarfish.

Montmorency—Rather large, dark rich red;

Pear Trees

Price of Garber and Kieffer.	Each	Per 10	Per 100
XX size 2 year, 9-16 to 11-16 in. caliper, about 4 to 6 ft.	\$0.55	\$5.00	\$45.00
X size 2 year, 7-16 to 9-16 in. caliper, about 3½ to 5 ft. ....	.45	4.00	35.00

Price of Bartlett.	Each	Per 10	Per 100
XX size 2 year, 9-16 to 11-16 in. caliper, about 4 to 6 ft. ....	.70	6.50	60.00
X size 2 year, 7-16 to 9-16 in. caliper, about 3½ to 5 ft. ....	.60	5.50	50.00

Our XX size equals the XXX size of some nurseries.

Any 5 or more at the 10 rate; 50 or more at the 100 rate.

Pears are graded by caliper or diameter. The height is the approximate average and varies with the habit of the tree. Arranged approximately in order of ripening.

Bartlett—Large; waxy yellow with red blush; juicy, rich; latter August; bears young.

Garber—Large, waxy yellow, red cheek; early Sept.; good for canning and market and for pollinizing others; hardy; vigorous; very resistant to blight.

Kieffer—Very large, rich, yellow tinted red; very juicy; develops good flavor if ripened slowly in a cool, dark room; very resistant to blight, hardy, very productive, ships well, profitable pear; Sept.-Nov.; bears about the fifth year; plant Garber to pollinize it.

DWARF PEARS

Dwarf Pear—Occupy little room, are valuable where space is limited and begin bearing younger, often the year after planting.

They may be planted 10 to 12 feet apart and kept headed back.

Duchesse d'Angouleme—Very large, greenish yellow, dull red cheek; juicy, melting, slightly granular; Sept. Oct.; productive, hardy, vigorous.

XX, 5-8 in. caliper and up, 55c each, \$5.00 per 10, \$50.00 per 100.

Plum Trees

Price of Plum:	Each	Per 10	Per 100
XX size, 11/16 in. caliper up, about 5 to 6 ft.....	\$0.60	\$5.50	\$50.00
Extra size, 3/4 to 11-16 in. caliper, about 4 to 5 ft., branched.....	.50	4.50	40.00
Standard size, 1/2 to 3/8 in. caliper, about 3 to 4 ft., branched.....	.40	3.50	30.00
Medium size, 2 to 4 ft., under 1/2 in. caliper.....	.30	2.50	20.00

Any five at the 10 rate, less at each rate; 50 or more at the 100 rate.

Our Extra size equals the XXX size of some nurseries.



Abundance—Japan—Large, bright red over yellow; juicy, sweet, rich, very good; cling, mid-July; hardy, very productive; bears young.

Burbank—Japan. Very large, bright, dark red on yellow; flesh yellow, firm, juicy, rich, sugary; cling; latter July; bears profusely.

Deck Damson—A great improvement on the common Blue Damson; larger, and the most productive Damson we have grown; small seed from which it parts when fully ripe; a very fine plum preserved or canned, developing excellent flavor; August.

Endicott—Large; roundish; dark garnet red; flesh yellow, sweet, juicy; midseason.

Lombard—Adapted to widely different soils and climates; hardy; productive; purplish red; medium size; mid-season; primarily for cooking and canning.

Ozak Prune—Originated in the Ozarks and is well adapted here; large blue freestone; reliable bearer.

Red June—Japan; dark coppery red; flesh yellow, juicy, sweet; semi-cling; early; productive.

Shippers' Pride—Late; vigorous; hardy; productive; a solid-meated plum similar to prunes.

Blackberries

Yield \$394 Per Acre

Early Harvest Blackberry, in experiments by the Missouri Agricultural Experiment Station, yielded gross returns at the rate of \$347.60 per acre in 1919 and \$394.20 per acre in 1920.

Blackberries begin bearing the second year and may be depended on for regular, profitable crops under suitable conditions. They are at their best in a strong, deep loam that will retain moisture, tending toward clay rather than sand. If properly tended they may be planted 2x6 feet, requiring 3600 per acre.

Early Harvest—The most profitable of all on account of its extreme earliness, hardness and productiveness; glossy black, firm and ships well; growth strong. 35c per 10, 60c per 25, \$2.00 per 100, \$17.50 per 1,000.

50 at the 100 rate; 500 at the 1000 rate.

Raspberries

Bear the Second Year

They begin bearing the second year, ripen between strawberries and blackberries, sell well and are reliable croppers under suitable conditions. Deep soil that will retain moisture during a dry season is desirable. Planted 3x6 feet requires 2,420 per acre.

Kansas—Black; large; firm; of good quality; early; productive. 40c per 10; 85c per 25; \$3.00 per 100; \$25.00 per 1000.

St. Regis; Ranere—Bright red; quality good; season very early and long. After the old canes have borne the young canes begin and in some sections bear freely till fall; in others, especially where the summers are dry, but little in the fall. If its success as an everbearer or fall bearer in your locality is unknown, try it in a limited way at first. 40c per 10, 70c per 25, \$2.50 per 100, \$20.00 per 1,000; 50 at 100 rate, 500 at 1000 rate.



Blackberries

Dewberries

EARLIER THAN BLACKBERRIES

Lucretia—Large, often 1½ inches long; sweet and luscious throughout; for size and quality is unexcelled by any of the blackberries; ripens at the close of the strawberry season before Early Harvest; the variety most extensively grown for market. 25c per 10, 60c per 25, \$2.00 per 100, \$17.50 per 1,000. 50 at 100 rate; 500 at 1000 rate.

Currants

Red and White, strong 2-yr. 20c each; \$1.75 pr 10.

Because of shipping regulations currants cannot be shipped into Nebraska, Kansas, Oklahoma and Western States.

Grapes Bear After Freezing



SINCE living in Kansas I have several times seen the new growth on our grape vines killed by frost; but found that where grapes had been kept well pruned and cultivated they possessed sufficient latent force, owing to their widespread root growth, to push out new shoots from otherwise dormant buds * * * You will find when your grape vines are frozen, even as late as the first of May, that if all green matter is frozen dead, then otherwise dormant buds will break and the new growth from them will come right on and produce new shoots, from which a fair crop of grapes will grow; but if a single joint of the first crop of shoots is left the new growth will start from the green bud on such shoots, and the resultant growth will not produce any grapes but will produce a shoot with leaves only. So if the new growth is not frozen back to the previous year's wood it should at once be pulled off, thus forcing the latent buds to start.—Wm. H. Barnes, before the Kansas State Horticultural Society.

Concord—The most popular; large, black, juicy, sweet; vigorous, very hardy, healthy, productive; mid to late August here.

Moore's Diamond—Large, yellowish-green, juicy, good; ripens a little before Concord.

Moore's Early—Black; about two weeks before Concord; desirable for home and market for its size, season, hardiness and productiveness.

Niagara—Large; pale yellowish-green; juicy, sweet; good for table or market; a white Concord; ripens with it or a little later.

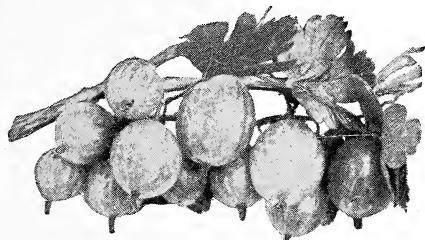
Worden—Black; large; about 5 to 10 days earlier

than Concord; berries larger, of better quality; vigorous, healthy, productive.

One-year No. 1.	One	Two	Three	Ten	Per 100
Concord	10c	18c	25c	\$0.70	\$ 5.00
Moore's Early	10c	28c	40c	1.20	10.00
Moore's Diamond	18c	32c	46c	1.40	12.00
Niagara	10c	28c	40c	1.20	10.00
Worden	16c	28c	40c	1.20	10.00

Five or more of a kind at the 10 rate; 25 or more of a kind at the 100 rate. Lots of 500 and over, Concord, $\frac{1}{2}$ c each less, other varieties 1c each less.

Gooseberries



Plant 3x5 or 4x5 feet. A northern slope is preferable, especially in the Central and Southern States.

Houghton—Of medium size, but a profuse bearer and a money maker. Very free from mildew; the best for most sections; glossy pale dull reddish brown when ripe, but usually picked green.

5 at the 10 rate; 50 or more at the 100 rate.

One year 15 each, \$1.25 per 10, \$10.00 per 100.

Because of shipping regulations Gooseberries cannot be shipped into Nebraska, Kansas, Oklahoma and the Western States.

Asparagus

The earliest of vegetables excepting Rhubarb. 50 at 100 rate; 500 or more at the 1000 rate.

Conover's Colossal—The standard market variety; very large; growth rapid; productive; good.

Columbian Mammoth White—Vigorous; white shoots of excellent quality. Grown from seed and some plants sport to green.

Palmetto—Large; early; productive; good; very resistant to rust; adapted to North and South.

Prices of Above

One year, 35c per 25, \$1.25 per 100; \$10 per 1000.

Washington—A variety developed by the U. S. Department of Agriculture; bred especially for vigor and resistance to rust. 2 yr., 40c per 25; \$1.50 per 100; \$14.00 per 1000. 1 year, 35c per 25; \$1.40 per 100; \$12.00 per 1000.

Rhubarb or Pie Plant

Large, tender, delicately flavored stalks. Plant $2\frac{1}{2}$ x4 ft.; cover the crown 2 in. Easily grown. The secret of success is well drained soil. Divisions, 10c each; \$1.00 per doz.; \$7.50 per 100.

Horseradish

Horseradish sets, 25c per dozen; \$1.50 per 100.

Strawberries

Planted one spring, they should give a full crop the next. When planting imperfect flowered varieties (Columbia, Haverland and Warfield), every third or fourth row must be some perfect flowered variety to pollinize them. Planted 2x4 ft. requires 5400 per acre. Freight is not safe for strawberries.

PRICES: All except *Progressive*, 75c per 100, \$5.00 per 1000. 500 at the 1000 rate. Not less than 25 of a kind sold.

If wanted by parcel post add 5c for 25, 10c for 100, 15c for 200, except were quoted postpaid. This is sometimes a little more, sometimes a little less than the postage, but is a fair average.

Aroma—A heavy bearer; very large; deep glossy red; firm; ships well; begins midseason, continues late; good; perfect flowered; a money maker.

Columbia—A cross of Warfield and Gandy; large; late; good quality; imperfect flowered.

Dunlap—Dark glossy red; rich, juicy, good; bears heavy; ships well; succeeds almost everywhere; a perfect-flowered Warfield; midseason.

Early Ozark—Largest extra early; bright red; firm; ships well; perfect flowered; productive.

Fiorella—Large to very large; crimson all over; early; prolific; perfect flowered.

Gandy—Very large; very late; bright red; firm; ships well; excellent on new or timber land, not successful on dry, sandy soil; perfect flowered.

Haverland—Large; long; attractive bright crimson; productive; succeeds almost everywhere; imperfect flowered; Dunlap is a good pollinizer.

Klondike—Medium early; dark red; good size; excellent for warm, sandy soils; productive; a good shipper; perfect flowered.

Michel—Very early; not very large but very productive, sweet, rich and of good flavor, hence an excellent early table berry; perfect flowered.

Warfield—Deep rich red, which with its high quality is well retained when canned; midseason; imperfect flowered; use Dunlap as a pollinizer.



Everbearing Strawberries

Progressives Bear the First Summer

Progressive gives a good crop the first year. We have picked berries throughout summer and until hard freezing weather. The flavor, color and shape remind one of Dunlap and Warfield; of good medium size; perfect flowered. Especially valuable for the home garden, particularly if planted where they can be watered in case of dry weather.

The U. S. Department of Agriculture says: "The plants are the most vigorous of all the everbearers now in the trade, and are, so far as observed, the hardiest variety of strawberry now grown in this country, enduring the extreme climate of the upper Mississippi Valley remarkably well. The foliage is very resistant to leaf spot diseases. Both the plant and fruit closely resembles the Dunlap. It is adapted to sections where the Dunlap succeeds and should be planted on fertile soils."

50c per 25, \$1.50 per 100, postpaid.

Home Strawberry Collection

200 for \$1.50.

500 for \$2.50

We will select 200 plants, early to late, all good varieties, for \$1.50 postpaid, or 500 for \$2.50 by express, charges collect. Order Home Strawberry Collection. Varieties will be selected according to your location. *Progressive* not included at this price.

Hardy Evergreens

Dug with a ball of earth wrapped in burlap, termed "balled and burlapped," or B. & B., except the 6 to 8 inch Boxwood. Five of a kind at the 10 rate, less at the each rate.

Arborvitae, Chinese Golden Dwarf (*Biota aurea nana*)—In spring and summer intense gold suffused with green, in winter becoming green to bronze green; of superb shape; dwarf, compact habit; the best dwarf golden arborvitae; admired by all lovers of formal evergreens.

18 to 24 inches.....\$1.75 each
24 to 30 inches.....2.50 each

Arborvitae, American Pyramidal—In form an almost perfect column; branches short, densely covered with bright green foliage.

18 to 24 inches.....\$1.00 each, \$ 9.00 per 10
2 to 3 feet.....1.50 each, 12.50 per 10

Boxwood—A small evergreen tree or shrub with small glossy dark green leaves thickly covering the many small branches.

12 to 18 in., medium bushy.....\$1.25 each
18 to 24 in., medium bushy.....1.75 each

Six to 8 inches, for lining out hedges, 12c each, 90c per 10, \$8.00 per 100.

Hardy Bush Roses

Two year, field grown.....55c each, \$5.00 per 10

Any five or more at the 10 rate.

Clothilde Soupert—Cluster after cluster of flowers all summer long, white shading to silvery rose center.

Conrad F. Meyer—Bright, silvery pink with the penetrating fragrance of the June roses.

Eugene Fuerst—Deep red shaded crimson.

Frau Karl Druschki—Long pointed buds; large pure white flowers; often called White American Beauty.

Gen. Jack—Handsome blooms of bright shining crimson, rich, brilliant and velvety; fragrant.

Paul Neyron—Deep shining rose, perhaps the largest of roses; blooms freely; very fragrant.

AROMA SPECIAL

10000 at \$4.00 per 1000
5000 at 4.50 per 1000

Gladioli

Gladioli are probably the most popular of summer and fall blooming bulbs. They are easily grown and seldom troubled with insects or diseases. If cut when the two lower flowers are open they will bloom out to the tips in the house and are good for about a week. By planting as soon as danger of the ground freezing is over and at intervals of ten days you can have gladioli all summer.

Try them, if you haven't. You will want them each year. We will send instructions for growing them and increasing your stock.

PLEASE NOTICE WE QUOTE BY SIZE. Gladioli are graded by size from first to sixth, and bulblets. First size is 1½ in. in diameter and over, second size 1¼ in., third size 1 in. All these sizes will bloom. Naturally, first size gives larger and earlier flowers. Fourth size (¾ in.) is often called blooming size and many will bloom the first year, but fourth and smaller sizes are used mainly for growing on.

PRICES POSTPAID. Our prices on Gladioli are postpaid in Missouri, Iowa, Kansas, Oklahoma and Arkansas. For other states add 5c per dozen.

Six of a kind at dozen rates, 25 of a kind at 100 rates.

America—Light lavender pink shaded delicate flesh; immense flowers on very strong stems.

1st size :	20c for 3; 70c per doz., \$5.00 per 100
2nd size :	15c for 3; 50c per doz., 3.50 per 100
3rd size :	10c for 3; 40c per doz., 2.50 per 100

Augusta—White feathered purplish rose; tall.

1st size :	20c for 3; 70c per doz., \$5.00 per 100
2nd size :	15c for 3; 50c per doz., 3.50 per 100
3rd size :	10c for 3; 40c per doz., 2.50 per 100

Baron J. Hulot—Dark velvety purple with lemon-yellow dashes on lower petals; medium tall.

1st size :	12c each; 30c for 3; \$1.00 per doz.
2nd size :	10c each; 25c for 3; .80 per doz.

Halley—Large; delicate salmon pink with creamy blotch; long, graceful spikes; early; excellent.

1st size :	25c for 3; 90c per doz.; \$5.50 per 100
2nd size :	20c for 3; 70c per doz.; 4.50 per 100
3rd size :	15c for 3; 50c per doz.; 3.50 per 100

Chicago White—An excellent white with lavender markings in the throat; early; medium tall.

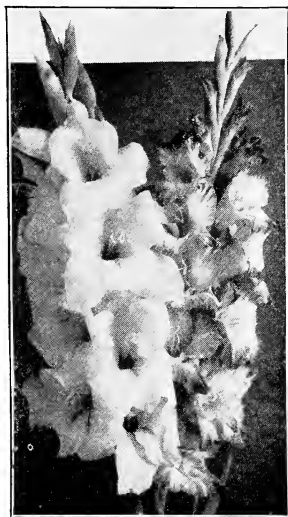
1st size :	20c for 3; 75c per doz., \$5.50 per 100
2nd size :	17c for 3; 60c per doz., 4.25 per 100
3rd size :	15c for 3; 50c per doz., 3.00 per 100

LE Marechal Foch—Beautiful delicate pink; large; good spike; 2nd and 3rd size bulbs bloom well.

2nd size :	15c each; 40c for 3; \$1.25 per doz.
3rd size :	12c each; 30c for 3; 1.00 per doz.

Mrs. Francis King—Large; very tall spikes; vermilion scarlet, sometimes called flame pink.
1st size : 20c for 3; 70c per doz.; \$4.75 per 100
2nd size : 15c for 3; 50c per doz.; 3.50 per 100
3rd size : 12c for 3; 40c per doz.; 2.75 per 100

Mrs. Frank Pendleton—Bright rose pink shading to bluish with a maroon blotch; large; tall.
1st size : 30c for 3; \$1.00 per doz.; \$7.00 per 100



2nd size :	20c for 3; .75 per doz.; 5.00 per 100
3rd size :	17c for 3; .60 per doz.; 4.00 per 100

Panama—A much deeper pink than America; large.

1st size :	25c for 3; 90c per doz.; \$6.50 per 100
2nd size :	20c for 3; 70c per doz.; 5.00 per 100
3rd size :	15c for 3; 50c per doz.; 3.50 per 100

Rouge Torch—Creamy white with carmine-red blotch; good size; medium tall; midseason.

2nd size :	20c for 3; 70c per doz.; \$5.00 per 100
3rd size :	15c for 3; 50c per doz.; 3.50 per 100

Schwaben—Canary yellow - becoming creamy yellow, small red blotch; very strong stem; medium height.

1st size :	30c for 3; \$1.00 per doz.; \$7.00 per 100
2nd size :	20c for 3; .75 per doz.; 5.00 per 100
3rd size :	17c for 3; .60 per doz.; 4.00 per 100

Sunbeam (Primulinus)—Clear yellow, not blotched; long, slender spikes; very early.

1st size :	15c each; 40c for 3; \$1.50 per doz.
2nd size :	10c each; 30c for 3; 1.00 per doz.
3rd size :	8c each; 20c for 3; .75 per doz.

Fine Mixed—Containing a wide range of colors, shades, types and seasons.

1st size :	30c for 3; \$1.00 per doz.; \$5.50 per 100
2nd size :	20c for 3; .70 per doz.; 4.25 per 100
3rd size :	15c for 3; .50 per doz.; 3.00 per 100

Hardy Climbing Roses

35c each, 5 or more at 30c each; field grown.

American Pillar—Large, apple blossom pink with white eye, in large clusters; single.

Climbing American Beauty—The same color and fragrance as American Beauty, but a climber. A remarkably good rose; should be in all collections.

Dorothy Perkins, Pink—A beautiful shell pink, becoming lovely deep rose; sweet scented.

Dr. W. Van Fleet—A delicate shade of flesh pink deepening to rosy flesh in the center.

Lady Gay—Delicate cherry pink passing to soft tinted white; fragrant; vigorous.

Philadelphia Rambler—A deeper and more intense crimson than common Crimson Rambler, and blooms earlier; seldom mildews.

Thousand Beauties—Soft pink to carmine rose; large clusters; fragrant; vigorous; long stems.

White Dorothy Perkins—A pure white sport of the popular Dorothy Perkins; excellent.

Yellow Rambler—Sulphur yellow in the bud, becoming white when fully open.



Rambler Roses



Climbing American Beauty

Hardy Flowering Shrubs

THE early days of Spring are brightened and made more cheerful by the great masses of Golden Bell, often blooming here in March. By a selection of those blooming at different times, for example, Pussy Willow, Dogwood, Deutzias, Bush Honeysuckle, Lilac, Mock Orange, Spirea, Hydrangeas, etc., a succession may be had until September. Shrubs give the lawn an attractive, finished appearance, and make a beautiful display in a year or two. They appear best in groups along the boundaries or division line, at the edges or corners of lawns, at the foundations of buildings, and along walks and drives.

Blooming dates named are for Southern Missouri. Five of a kind at ten rates.

Althea; Rose of Sharon—Of upright habit, reaching a height of 10-15 feet; hollyhock-like, flowers in late summer; easily grown; double red, single white.

3 to 4 feet.....40c each

Butterfly Bush—Flowers in long panicles somewhat resembling lilacs; often freezes to the ground but comes up again in the spring like a perennial; mulch in winter. 1 year, 35c each; \$3.00 per 10.

Barberry, Thunberg's (Japanese Barberry)—Dwarf, dense, spreading habit; graceful spiny branches; autumn leaves bronze and crimson; excellent for low hedges. This Barberry does not produce wheat rust. 12-18 in. for hedging. \$2.00 per 10; \$18.00 per 100.

Calycanthus—Odd double, spicily fragrant chocolate red flowers in late spring.

1 to 2 feet.....25c each

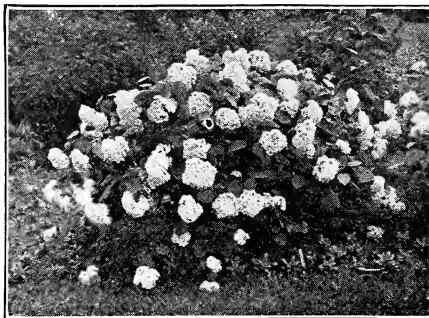
Deutzia Gracilis—A dwarf shrub growing about 2 feet tall, with slender branches; single pure white flowers, almost as dainty as Lily of the Valley, in late April or early May.

12 to 18 inches.....30c each, \$2.50 per 10

Deutzia Pride of Rochester—In early spring fairly covered with double tassel-like flowers in racemes 4 to 6 inches long; white, outer petals rose.

2 to 3 feet.....30c each, \$2.50 per 10

3 to 4 feet.....35c each, 3.00 per 10



This Hydrangea is well named Hills of Snow

Deutzia Lemoine—Similar to gracilis; a little taller, with broad panicles of white flowers.

12 to 18 inches.....30c each, \$2.50 per 10

Dogwood, Red Flowering—Bright pink to red flowers; very conspicuous.

18 to 24 inches.....\$1.00 each

Dogwood, Red-twigged—Pleasing foliage; inconspicuous flowers; grown for its bright red twigs in autumn.

18 to 24 inches.....35c each

Dogwood, White Flowering (Cornus florida)—Four petaled flowers, white curiously blotched with pink, in spring before the leaves appear; scarlet berries; grows 10 to 15 ft. high.

12 to 18 inches.....35c each

Golden Bell (Forsythia viridissima)—In early spring a mass of golden flowers, even before the leaves are developed; erect in habit.

1 to 2 feet.....25c each, \$2.00 per 10

Golden Bell, Intermedia—Golden flowers; intermediate in habit between viridissima and suspensa.

1 to 2 feet.....25c each, \$2.00 per 10

Golden Bell, Weeping (Forsythia suspensa)—A graceful, drooping form; very long curving branches, well adapted to covering arches and trellises.

1 to 2 feet.....25c each, \$2.00 per 10

2 to 3 feet.....35c each, 3.00 per 10

Honeysuckle, Bush—A bush form of Honeysuckle, covered in early spring with white, pink or red flowers, followed by ornamental berries. Specify color you wish if you have a preference.

1 to 2 feet.....25c each, \$2.00 per 10

2 to 3 feet.....35c each, 3.00 per 10

Hydrangea Hills of Snow or Everblooming—Well named for its profusion of large snow white flowers from June to August; easily grown.

2 year.....50c each, \$4.00 per 10

1 year.....30c each, 2.50 per 10

Hydrangea paniculata grandiflora—Blooms profusely in August and September; flowers in great cone-shaped panicles, white, assuming rose tints.

2 to 3 feet.....55c each; \$5.00 per 10

Lilac, French—White, rose, purple. 2 to 3 feet, \$1.00 each.

Mock Orange, Sweet Scented—Creamy white, very fragrant orange-like flowers in great profusion in late spring or early summer.

2 to 3 feet.....\$0.25 each, \$2.00 per 10

3 to 4 feet.....40c each, 3.50 per 10



The name Mock Orange is almost a sufficient description.

Mock Orange, Large Flowered—Very large, showy white flowers; later than above.
1 to 2 feet.....\$0.25 each, \$2.00 per 10
2 to 3 feet.....30 each, 2.50 per 10

Pussy Willow—Much esteemed for its extreme earliness, the fur-like bluish-gray catkins appearing before the leaves are developed.
2 to 4 feet.....35c each, \$3.00 per 10

Quince, Japan—Covered with brilliant scarlet flowers in early spring before the leaves appear.
18 to 24 inches.....30c each, \$2.50 per 10

Spirea Anthony Waterer—Dark crimson flowers in large flat-topped clusters in early summer and at intervals till fall if cut as they fade. Grows about 24-30 in. high. Strong plants, 50c each.

Spirea Billardi alba—A white flowered form of Billardi.
3 to 4 feet.....50c each, \$4.50 per 10

Spirea Billardi Pink—Of upright growth with bright pink flowers in dense feathery finger-like panicles in summer, and at intervals till fall if cut as they fade.
18 to 24 inches.....30c each, \$2.50 per 10

Spirea Callosa alba—Large flat clusters of white flowers; dwarf; grows about 2 to 3 ft. high.
12 to 18 inches.....40c each, \$3.50 per 10

Spirea Golden—Splendid for producing bright foliage effects or for screens, with its bright golden leaves, changing in summer to golden bronze; flowers numerous in clusters along the branches.
18 to 24 inches.....25c each, \$2.00 per 10
2 to 3 feet.....35c each, 3.00 per 10

Spirea Reevesiana—Of more upright habit than Van Houttei and blooms later.
2 to 3 feet.....35c each, \$3.00 per 10

Spirea Van Houttei (Van Houtte's Bridal Wreath)—A fountain of white in May or June with its dense drifts of flowers clusters on gracefully arching branches.
1 to 2 feet.....25c each, \$2.00 per 10
2 to 3 feet.....35c each, 3.00 per 10
3 to 4 feet.....50c each, 4.50 per 10

Summer Lilac—See Butterfly Bush.

Tamarix Amurensis—An ornamental, upright growing shrub; light, feathery Juniper-like foliage; dainty pink flowers in summer.
2 to 3 feet.....40c each, \$3.50 per 10

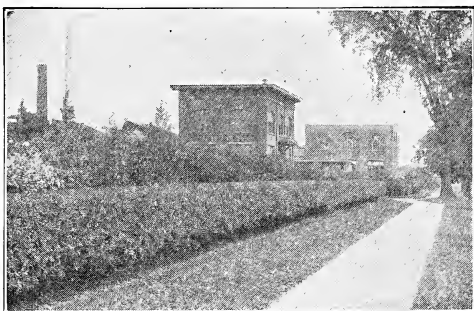


Spirea Van Houttei, a fountain of white in May.

PARCEL POST

If plants are wanted by parcel post allow extra for postage, except where quoted postpaid. Trees larger than 3 to 4 ft. cannot be sent by parcel post.

Privet Hedging



Amoor River of the North—Resembles California but more spreading and much hardier. Has never frozen down here; white flowers like miniature lilacs.

	Per 10	Per 100
1-1½ ft. 1 year, 2-3 canes.....	\$0.60	\$ 5.00
1½-2 ft. 1 year, 2-3 canes.....	.80	6.50
2-3 ft. 1 year, 2-4 canes.....	1.00	8.50

California—A very popular hedge; of free, upright growth; dark, glossy green leaves; nearly evergreen in the Southern States.

	Per 10	Per 100
1½-2 ft. 1 year, 2-3 canes.....	\$0.45	\$ 3.50
2½ ft. 1 year, 2-4 canes.....	.60	5.00
1½-2 ft. 2 year, many branches.....	.80	6.00
2-3 ft. 2 year, many branches.....	1.00	8.00
3-4 ft. 2 year, many branches.....	1.50	12.00

Ibodium—A cross of Ibota and California. The foliage resembles that of California, but Ibodium is much hardier, more branching and more spreading in growth.

	Per 10	Per 100
1-1½ ft. 1 year, 2-3 canes.....	\$1.00	\$ 8.00
1½-2 ft. 1 year, 2-3 canes.....	1.20	10.00
2-3 ft. 1 year, 2-4 canes.....	1.50	14.00
2-3 ft. 2-yr., 4 canes and over.....	2.50	20.00

FIFTY OR MORE AT THE 100 RATE

Shade Trees

Five or more of a kind at the 10 rate.

Elm, American White—The well known Elm of our American forests.

6 to 8 ft.	\$0.75 each, \$ 7.00 per 10
8 to 10 ft.	1.25 each, 11.00 per 10

Maple, Soft, White or Silver—Of rapid growth; much used for quick shade.
4 to 5 feet\$0.40 each, \$3.50 per 10

Maple, Sugar (Hard or Rock Maple)—The best maple for lawn or street planting; leaves dark green, in autumn yellow, orange and scarlet.
6 to 8 ft.\$0.75 each, \$ 6.00 per 10
1 to 1½ in. caliper..... 1.25 each, 10.00 per 10
1½ to 1½ in. caliper..... 1.50 each, 12.50 per 10
1½ to 2 in. caliper..... 2.00 each, 17.00 per 10

Tulip Tree—Tall pyramidal habit; a very rapid grower; leaves light bluish green, in autumn pale yellow; tulip-like flowers.

4 to 6 ft.	\$0.50 each, \$4.50 per 10
6 to 8 ft. ....	.75 each, 7.00 per 10

Planting and Pruning Instructions

will be sent on request. Tell us if you want them

Liberty Irises—Fleur-de-lis

ALSO called German Irises. To those only familiar with the old common Flags many of the newer kinds will be a revelation. Perfectly hardy, easy to grow, they reward you with a lavish wealth of bloom, their iridescent colors, found in no other flower, shimmering in the sun. Well named "The Orchid of the Garden." They grow almost anywhere but do best in well drained, rich loam or garden soil.

The standards are the upright or standing petals. The falls are the lower or drooping petals. The inches mentioned is the approximate height of the flower stems.

PRICES: 15c each, 3 for 40c, \$1.50 per doz., except as noted. 6 of a kind at dozen rates.

Alcazar—Standards light bluish violet, falls deep purple; very large; very tall. 50c each.

Black Prince—Very deep rich velvety royal purple; early; 24 inch, 20c each, \$2.00 per doz.

Caprice—Standards cerise, falls deeper; early; 24 inches, 20c each, \$2.00 per doz.

Caterina—Standards light blue, falls lilac; very large; very tall; fine. 50c each.

Celeste—Azure blue, slightly deeper falls; mid-season; large; 30 inch.

Crimson King—Rich claret purple; 24 inches.

Dr. Bernice—Standards coppery bronze, falls velvety crimson; large; 24 in. 20c each, \$2 pr. doz.

Eldorado—Standards bronze yellow, falls bronze purple; midseason; 30 in., 25c each, \$2.50 per dozen.

Fairy—White delicately shaded soft blue.

Flavescens—Delicate soft yellow; large; 30 in.

Honorabilis—Gold and crimson-brown; early; 18 inch.

Ingeborg—Large; pure white; very early; dwarf, about 15 in., 20c each, \$2.00 per doz.

Junata—Large; clear blue; very tall. 25c each \$2.50 per doz.

Khedive—Beautiful soft lavender; 30 inches.

Loreley—Standards canary, falls purple edged yellow; early; 30 in. 20c each, \$1.80 per doz.

Mad. Chereau—White frilled violet blue; petals peculiarly twisted and crimped; midseason; 36 inches.

Mrs. H. Darwin—White, base veined violet; medium early; good; blooms freely; 24 inches.

Monsignor—Standards satiny violet, falls purple-crimson; large; late; 24 in. 35c each, \$3.50 per dozen.

Orientalis Blue—Deep blue; late; 24 inches.

Perfection—Standards light blue, falls dark velvety violet-black. 20c each, \$2.00 per dozen.

Queen of May—Large lilac-pink; midseason; 32 inch.

Sapho—Violet-blue and royal purple; early; 30 inch.

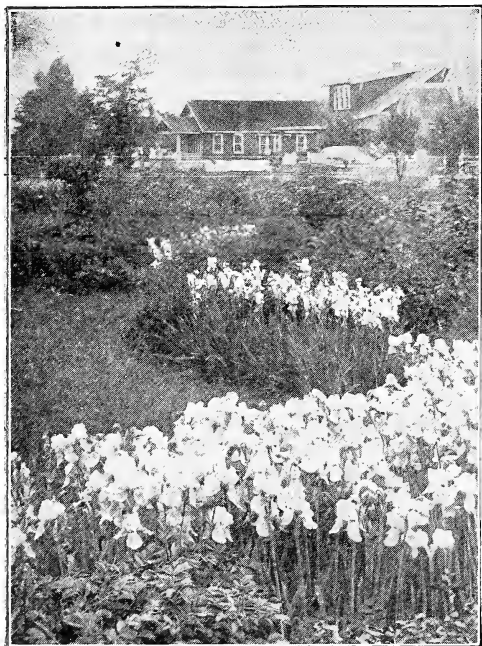
Speciosa—Lavender purple and reddish purple.

Violacea grandiflora—Large; rich violet blue; late; 32 inch. 20c each, \$2.00 per doz.

Walhallia—Standards light violet, falls deep purple; early; very large; 24 inches.

Irises to Color, not named—Shades of yellow, lavender, blue, purple, white and pink, 10c each, 90c per doz., \$6.00 per 100.

Iris Special Collection F—Assorted our selection, named varieties, half doz., 3 varieties, 70c; one doz., 6 varieties, \$1.25; 25, 6 varieties, \$2.25; 100, 6 varieties, \$7.50.



Liberty Iris are easily grown.

Special Collection F—Assorted, our selection: Half dozen, three varieties, 70c; one dozen, six varieties, \$1.25; 25, 6 varieties, \$2.25; 100, 6 varieties, \$7.50.



Duchesse de Nemours Peony. See page 14.

Miscellaneous Hardy Flowers

THESE are all hardy, easily grown flowers that live from year to year. Good, strong, outdoor grown plants, not the tiny plants offered in cheap collections by parcel post. Six of a kind at dozen rates. Postage extra if wanted by parcel post.

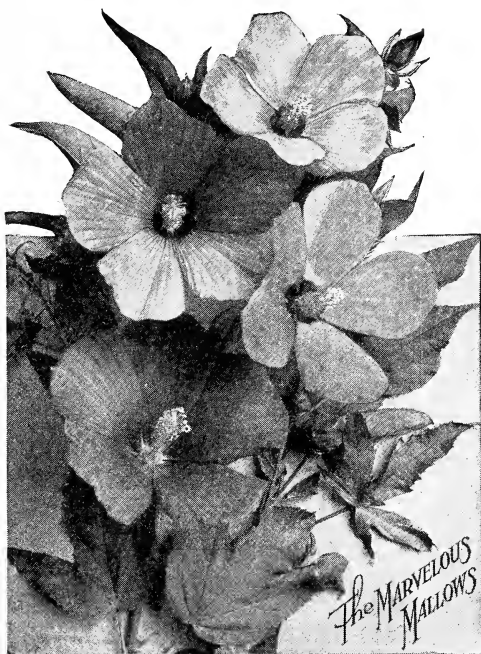
Blanket Flower (*Gaillardia grandiflora*)—Flowers 2 to 3 in. across, maroon bordered yellow, as gaudy as a Navajo blanket; blooms from June till fall; easily grown. 15c each, \$1.50 per doz.

Marvelous Mallows—Six to ten weeks of flowers resembling immense single hollyhocks—the size of a pie plate and larger. Beautiful pinks, red blush and white, beginning in July. Makes a grand display the first year.
1 year, separate colors.....25c each, \$2.50 per doz.
1 year, mixed colors.....20c each, 2.00 per doz.

Sweet William (*Dianthus barbatus*)—A very popular flower, somewhat resembling phlox but with broad, rather flat, compact trusses instead of pyramidal panicles and the Sweet William are more varied in color—white, pink, red, crimson and variegated; blooms profusely in May while most phlox bloom in July; fragrant. These are grown from a specially fine mixture of seed; will bloom the first spring. For the most imposing effects plant in large groups. Mixed (cannot supply separate colors). 15c each, 3 for 40c, \$1.50 per doz.; 2 doz. for \$2.50; 4 doz. and over at \$1.00 per dozen.

Violets, Sweet Russian, Single—The hardest of violets; easily grown; in early spring a mass of fine single deep purple violets with delicate fragrance. 10c each, 3 for 25c, 12 for 75c, 25 for \$1.50.

Violets, Sweet Russian, Double—A double form of the above. 20c each, \$2.00 per doz.



Six to Ten Weeks of Marvelous Mallows

Bellflower, Japanese (*Platycodon*)—Beautiful, broad bell-shaped flowers $2\frac{1}{2}$ to 3 in. across; the inflated buds resemble miniature balloons. Blue and white, 15c each, \$1.50 per doz.

Columbine (*Aquilegia*)—Many dainty small branches bear the spurred flowers in profusion on spikes $1\frac{1}{2}$ to 2 ft. tall. Mixed colors, 15c each, \$1.50 per doz.

Coreopsis (Tickseed)—Golden yellow daisy-like flowers from May to October if cut as they fade. 15c each, \$1.50 per doz.

Daisy, Shasta Alaska—A flower every one can grow; very large, showy white daisies with a golden center, in great abundance on long stems during summer and fall if cut as they fade. 10c each, 3 for 20c, 12 for 60c.

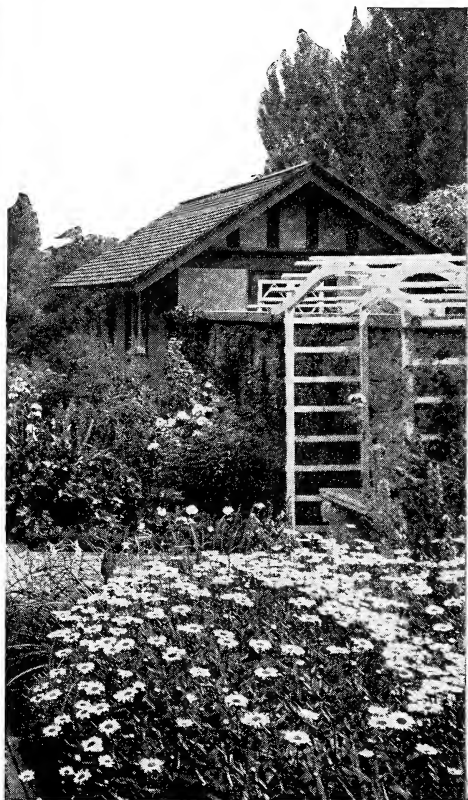
Hollyhocks—Double maroon, double pink, double yellow, double white. 20c each; \$2.00 per dozen.

Larkspur Belladonna—Beautiful spikes of dainty spurred flowers of the delightful blue of the skies; unrivalled for persistent blooming. 20c each, \$2.00 per doz.

Larkspur Bellamosa—A dark blue form of Belladonna. 20c each, \$2.00 per doz.

Lemon Lily (*Hemerocallis flava*)—Fragrant clear yellow lilies 3 to 4 in. across on stems 2 to 3 ft. high. 20c each, \$2.00 per doz.

Lily of the Valley—Sprays of fragrant, dainty white bells in late April or early May; prefers partial shade. 10c each, 75c per doz. \$5.00 per 100



Ten weeks of Shasta Daisies.

10 cents each, 3 for 20 cents, 12 for 60 cents

Peonies are Easily Grown

Hardy as the Oak, Peonies are so easily grown that little need be said. Often in neglected gardens one sees large clumps that have flourished and bloomed for years. Yet they amply repay all attention given them. The flowers are large and showy without being coarse, and range in color from snowy white through all shades of pink and red, with even yellow. Many are delightfully fragrant. They give a grand display, blooming here in May.

How We Describe Peonies

We have endeavored to convey as accurate an impression of the colors as can be done by words. The guards are the wide outer petals. Bomb, crown, semi-rose and rose refer to the type or form of flower, classified as follows:

Crown—Has wide center or crown petals with narrower, shorter petals forming a collar or ring between them and the guards. The crown petals are not always prominent.

Bomb—Central petals of uniform width but narrower than the guards and forming a globe within the guards.

Semi-rose—Flowers that would be classed as rose but for an occasional pollen bearing stamen.

Rose—Perfectly full, all petals wide, no stamens. The central petals may not be as wide as the guards, but if quite distinct it would be a bomb. The line dividing the rose and bomb is sometimes quite an arbitrary one.

There are no single peonies in this list except those described as single. The name and date in parentheses is the originator and date of introduction.

Peony Sizes and Prices

Prices are for good strong divisions averaging 3 to 5 eyes, from blooming plants. We consider them fully equal to one-year plants, they cost less and they average larger than those usually sent out, many of which are grown from small divisions to make more plants.

Three of a kind at the dozen rate. Large lots quoted by letter.

Baroness Schroeder (Kelway, 1889)—Large, beautiful blooms with a delicate tea rose fragrance; delicate flesh becoming white; globular rose type; midseason; growth strong, erect, tall; blooms freely; fine. \$1.50 each.

Canari (Guerin, 1861)—Guards white, barely tinted flesh, center sulphur white becoming pure white; large; fragrant; bomb type; late midseason; long, strong stems; blooms freely; good. 40c each, \$4.00 per dozen.

Candidissima (Calot, 1856)—Guards pure white, center tinged sulphur becoming pure white; large, fragrant; rose type; early; a good grower; blooms freely. 35c each, \$3.50 per doz.

Crown of Gold (Couronne d'Or; Calot, 1873)—Famous for its beauty; snowy white, reflecting the golden stamens and lighting up the flower; center petals beautifully flecked and bordered carmine; immense semi-rose type flowers; fragrant; late; growth upright, vigorous, with very strong stems; blooms freely; late; fine. 50c each, \$5.00 per doz.



Crown of Gold

Duc de Cazes (Guerin, 1850)—Broad, lively carmine-red guards, center deep rose; crown type; midseason; medium size but vigorous growth and blooms freely. 30c each, \$3.00 per doz.

Duchesse de Nemours (Calot, 1856)—One of the best regardless of price. Superb ivory white with greenish markings toward the center, becoming pure white without a trace of crimson; one of the most beautiful both in the half open bud and full blown; medium to large; crown type; medium early to midseason; strong, vigorous growth; good stems; blooms freely. 40c each, \$4.00 per doz.

Duchesse d'Orleans (Guerin, 1846)—Large carmine pink guards, center soft pink interspersed with salmon, becoming amber yellow; medium to large; bomb type; fragrant; midseason. This peony deserves a better rating than it gets. It is an extra strong, vigorous grower, very tall, a free bloomer and can be depended on for an abundance of blooms year after year. Ships well as a cut flower. 30c each, \$3.00 per doz.

Duke of Wellington (Calot, 1859)—Another indispensable variety. Two rows of broad white guards, center very full, sulphur white becoming pure white; fragrant; very large; bomb type; late; blooms freely; vigorous, with long, strong stems; as a cut flower, keeps and ships well; fine. 50c each, \$5.00 per dozen.

Edulis superba (Lemon, 1824)—Beautiful bright deep rose pink flowers with a quite extraordinary fragrance; crown type; large and of good form; extra early, several days before Festiva maxima, blooms freely over a long period; growth strong, vigorous, with long, strong stems. An extra good variety, both for lawn and cut flowers. 30c each, \$3.00 per dozen.

Felix Crousse (Crousse, 1881)—Very brilliant, rich, even dazzling ruby red; large; globular, solid and compact; bomb type; midseason; fragrant; blooms freely; fine. 75c each, \$7.50 per doz.

Festiva maxima (Mieliez, 1851)—For enormous size combined with wondrous beauty this variety has stood unsurpassed for 71 years. Pure paper white, some central petals flecked carmine; very large; rose type; very fragrant; early; very vigorous, with very long, heavy stems. You can't plant too many Festiva maxima. 50c each, \$5.00 per dozen.

Francois Ortegat (Parmentier, 1850)—Deep purplish crimson with golden stamens; semi-rose type; medium size; midseason to late; blooms freely; long stems. 45c each, \$4.50 per doz.

Jeanne d'Arc (Calot, 1858)—Broad soft pink guard petals, sulphur white collar, blush center with an occasional broad central petal same color as guards, sometimes tipped and striped light crimson; medium to large; bomb to informal rose type; fragrant; midseason; growth strong, good habit, blooms freely. 45c each, \$4.50 per dozen.

La Fiancee (Lemoine, 1898)—Very large, creamy white, center flecked crimson; crown type; midseason; strong; vigorous. Should not be confused with the single La Fiancee of Dessert. \$2.00 each.

La Perle (Crousse, 1886)—Very large; lilac white, blush center, flecked carmine; compact, globular rose type; fragrant; midseason; tall, strong, upright growth; blooms freely, \$1.50 each.

La Tulipe (Calot, 1872)—Blush white becoming creamy white, carmine tulip-like markings on guards; semi-rose type; large; fragrant; midseason; stems long; vigorous. 50c each, \$5.00 per dozen.

Madame Auguste Dessert (Dessert, 1899)—Exquisitely colored; glossy deep flesh pink, guards and some petals edged crimson; large to very large; semi-rose type; early to midseason; growth strong, stems medium long; blooms freely. \$2.50 each.

Madame Calot (Mieliez, 1856)—Opens very delicate pink becoming white; fragrant; large; rose type; early; strong stems; blooms freely. 40c each, \$4.00 per dozen.

Madame Chaumy (Calot, 1864)—Soft pink shaded bright rose, color somewhat splashed on; fragrant; rose type; medium size; midseason; blooms freely in clusters. 35c each, \$3.50 per doz.

Madame de Verneville (Crousse, 1885)—An enormous producer of extra fine flowers; large, compact, and very full, literally packed with petals; broad white guards, center slightly blush becoming pure white, flecked carmine; large; bomb type; rose fragrance; very early; extra strong, vigorous growth, medium height, good stems; blooms very freely; fine. 50c each, \$5.00 per doz.

Marcelle Dessert (Dessert, 1899)—Large; glossy creamy white, very lightly flecked lilac and carmine; fragrant; crown type; midseason; growth strong, stems medium long. \$3.00 each.

Marguerite Gerard (Crousse, 1892)—Large; light hydrangea pink, becoming nearly white; some central petals have minute dark carmine, almost black, flecks on tips; semi-rose type; fragrant; late; strong grower; medium height; strong stems; blooms freely. \$1.00 each.

Modeste Guerin (Guerin, 1845)—Large; lively, very bright deep pink with a carmine tint; fragrant; bomb type, perfect shape; midseason; vigorous; upright habit; medium tall; strong stems; blooms freely. \$1.00 each.

Octave Demay (Calot, 1867)—Very large; delicate hydrangea pink; fragrant; crown type; early; blooms freely; rather dwarf, but low leaf stems permit cutting with good stems. \$1.00 each.

Queen Emma—A large, very full, fragrant bright light pink rose type flower; growth strong, erect; stems medium long; blooms freely; midseason to late; an excellent cut flower variety as it ships and keeps exceptionally well. \$1.25 each.

Queen Victoria; Whitley—Broad guards; opens blush, becoming white; fragrant; bomb type; medium early; medium length stems; blooms freely. 30c each, \$3.00 per dozen.

Single Red—50c each, \$5.00 per doz.

Single White—50c each; \$5.00 per dozen.

Therese (Dessert, 1904)—Very large; rich clear satiny pink changing to lilac white in the center, with glossy reflex; very fragrant; compact rose type; midseason; plant erect, medium tall, compact; blooming habit medium; fine. \$4.00 each.

Zoe Calot (Mieliez, 1855)—Very large, very full globular bloom; soft pink tinted lilac; fragrant; midseason; growth strong, upright, good medium height; very stiff stems; blooms freely. 40c each, \$4.00 per dozen.

Pennant Mixed Peonies

If you want something good at a moderate price and do not care about the names or just what colors you get just so they are nice, order Pennant Mixed. This is not a cheap lot of undesirable varieties but a really good mixture of named peonies, the leading commercial varieties predominating. Do not ask for certain colors of these as they are grown mixed. 25c each, \$2.50 per doz., \$18.00 per 100.

Peony Surprise Collection

6 for \$2.50; 12 for \$4.50.

We will furnish six good named Peonies, all different, for \$2.50, or twelve all different for \$4.50. At this price the selection must be left to us but we promise you a good selection and good value. Postage extra if wanted by parcel post.



The Peony rivals the rose in fragrance, beauty and variety of form.

Superb Hardy Phlox



Phlox give brilliant summer effects. Our selection, named varieties, \$1.75 per dozen.

THESE are easily grown and give brilliant summer effects. Many are delightfully fragrant. They are excellent in a mixed border, but the most imposing effects are produced by planting masses of each color. Plant 18x24 inches apart.

PRICES: Strong field-grown plants that bloom the first summer, 20c each, \$2.00 per dozen. Our selection, 1 each of 3 varieties, 50c; 12 plants, 4 to 6 varieties, \$1.75; or \$1.85, postpaid.

Eclairer—Rich crimson-carmine, darker eye, lighter halo; strong grower; free bloomer; fine.

Europa—White, carmine eye; large.

F. A. Buechner—White; large floret; heavy truss.

Geo. A. Strohlein—Glowing orange scarlet; blood red eye.

La Vogue—Mauve pink, analine red eye; large floret, heavy truss; tall; free bloomer.

Miss Lingard—The earliest in this list; pure white, faint lilac eye; tall, excellent.

Mrs. Jenkins—A good early white; a strong grower and a free bloomer.

R. P. Struthers—Clear cherry red, with darker eye; large floret, heavy truss; tall; growth strong.

Rheinstrom—Salmon-pink, clear and bright; large; a good grower.

Hardy Vines

THESE vines are outdoor grown and not to be confused with the small plants sold at low prices. Five of a kind at the 10 rate, less than five at the each rate.



The fragrance of *Clematis paniculata* resembles English Hawthorn.

Clematis Paniculata; Japanese Clematis—One of the most beautiful hardy vines with its thousands of pure white four petaled starry flowers in large panicles fairly covering the upper part of the vine in August or September; its fragrance resembles the English Hawthorn; of rapid growth. 2-year 50c each, \$4.50 per 10.

English Ivy—A grand, high climbing evergreen vine with wax-like leaves, usually three to five lobed; very hardy, clings closely by means of rootlets; best on northern exposures of brick or stone. 30c each, \$2.50 per 10.

Honeysuckle, Scarlet Trumpet—Flowers red, buff inside. 1-year, 20c each.

Honeysuckle, Hall's Japan—Almost evergreen; fragrant white flowers, becoming yellow 15c each.

Wistaria, Purple—An attractive and rapid grower with numerous hanging clusters of pea-shaped flowers. 1-year, 25c each; \$2.00 per 10.

Wistaria, White—A white flower form of the above. 2-year, 30c each, \$2.50 per 10.

Does Apple Growing Pay?

Listen! One orchard near Troy that cost its owner not to exceed \$1500 in yearly expense, the fruit on the trees was sold this year for \$13,000. Report Kansas State Horticultural Society.